

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B5/20 H01S5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, INSPEC, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DUDOVICH N ET AL: "ACTIVE SEMICONDUCTOR-BASED GRATING WAVEGUIDE STRUCTURES" IEEE JOURNAL OF QUANTUM ELECTRONICS, IEEE INC. NEW YORK, US, vol. 37, no. 8, August 2001 (2001-08), pages 1030-1039, XP001111724 ISSN: 0018-9197 paragraph '000V!; figure 2	1-7, 9-15
X	US 5 337 183 A (ROSENBLATT DAVID) 9 August 1994 (1994-08-09) column 8, line 54 - column 9, line 22; figure 5 ----- -/--	1-7, 9-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

28 July 2004

Date of mailing of the international search report

05/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 0130, no. 50 (P-823), 6 February 1989 (1989-02-06) & JP 63 244004 A (SEIKO EPSON CORP), 11 October 1988 (1988-10-11) cited in the application abstract -----	7-15
X	US 5 193 130 A (ASADA JUNICHI ET AL) 9 March 1993 (1993-03-09) cited in the application column 2, line 60 - column 3, line 14; figure 2 -----	7-15
A	US 6 215 928 B1 (FRIESEM ASHER A ET AL) 10 April 2001 (2001-04-10) cited in the application figures 4,5 -----	7-15
A	WO 02/084824 A (CHROMAPLEX INC) 24 October 2002 (2002-10-24) the whole document -----	1-6

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/14917

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US 5337183	A	09-08-1994	US 5157537 A	20-10-1992
JP 63244004	A	11-10-1988	NONE	
US 5193130	A	09-03-1993	DE 68919208 D1	08-12-1994
			DE 68919208 T2	08-06-1995
			EP 0387354 A1	19-09-1990
			WO 9001722 A1	22-02-1990
			JP 7048096 B	24-05-1995
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